

2122
7-25

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY.'S DOCKET: LOY=1

In re Application of:)

I. LOY et al.)

Appln. No.: 09/887,550)

Filed: June 25, 2001)

For: DATA MANAGEMENT)
APPLICATION PROGRAMMING...)

Art Unit: 2122

Examiner: MAR 20 2002

Washington, D.C. Technology Center 2100

March 18, 2001

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir :

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

[X] 1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed before the mailing date of a first office action on the merits.

[X] 2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached.

[X] 3. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

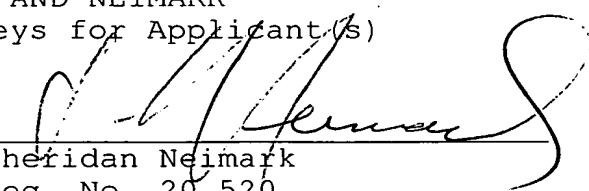
[] 4. Other information being provided for the examiner's consideration follows:

5. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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Complete if Known

Application Number	09/887,550
Filing Date	June 25, 2001
First Named Inventor	LOY et al.
Group Art Unit	2122
Examiner Name	
Attorney Docket Number	LOY=1

(use as many sheets as necessary)

Sheet	1	of	4
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~~MAR 20 2002~~

Technology Center 2100

[illegible][illegible]Date
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 4

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 Attorney Docket Number LOY=1

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	AJ	LOY et al., "DMAPI for a Parallel File System", pp. 1-15, June 26, 2000	
	AK	www.unitree.com/news/news_pr1999_0517.ht , "UniTree Announces High Performance XDSM (DMAPI) File Sys Product, 2 pages, (2000)	
	AL	CAE Specification, "Data Storage Management-A systems Approach", (www.opengroup.org), February 1997, table of contents	
	AM	MIROSHNICHENKO, "Data Management API: standard and implementation experiences", Veritas Software Corp. Mountain View, California, 1996, 12 pages	
	AN	"DMEpi: Data Management API of DFS/Episode", Transarc Corp., Pittsburgh, PA, December 1996, 16 pages	
	AO	"HPSS Release 4.1 New Features", 2000, 5 pages. (http://www.sdsc.edu/hpss/Releaseinfo/release_4.1.html)	
	AP	AGARWALLA et al., "HPSS/DFS: Integration of Distributed File System with a Mass Storage System" NASA Goddard Conference on Mass Storage Systems and Technologies, IEEE Symposium on Mass Storage Systems, March 23-26, (1998), Pages 15	
	AQ	LAWTHERS, "The data Management Applications Programming Interface", published in the <u>Proceedings of the Fourteenth IEEE Symposium on Mass Storage Systems, Second Int'l Symposium, entitled "Storage - At the Forefront of Information Infrastructures"</u> , (1995), Monterey, CA, pp. 327-335	
	AR	Tivoli® Storage Manager (Web Page), "Tivoli Storage Manager - IBM AIX Client", June 23, 2000, 1 page	
	AS	"What is DMF?", SGI - Software: Data Migration Facility Overview, Silicon Graphics, Inc. (2000), 6 pages (www.sgi.com/software/dmf/overview.html)	
	AT	"CrosStor DMAPI-Compatible Event Management ", CrosStor Software, Inc., XI, (1999), 6 pages (www.crosstor.com/technology/DMAPI.html)	
	AU	"DFS Storage Management Runtime (SMR)", DFS Administration Guide, IBM Corp., (2000), 5 pages	

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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet

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of

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	AV	ADIC Inc., Software Products Web Page, (2000), 4 pages, www.adic.com	
	AW	"An introduction to GPFS 1.2", IMB Corp., Dec. 1998, 15 pages	
	AX	Product entitled "Veritas Storage Migrator for UNIX" Veritas Software Corp., Mountain View, CA, (2000), one page, (www.veritas.com)	
	AY	"GPFS Parallel File System", Almaden Computer Science Research, IBM Corp., (2000), one page	
	AZ	Tivoli®, Space Manager for UNIX Using the Hierarchical Storage Management Clients", Version 3, Release 7, IBM Corp. (2000), 92 pages	
	BA	"NetWorker HSM - Advanced Data Management", Legato® Systems Inc., 2000, three pages,	
	BB	X/Open CAE Specification: Systems Management: Data Storage Management (XDSM) API Sanity-Check Draft", X/Open Co., Ltd. United Kingdom, (1996), pp. 178	
	BC	"IBM General Parallel File System for AIX: Concepts, Planning and Installation Guide", IBM Corp., (2000) 2 nd Edition, 106 Pages	
	BD	"IBM General Parallel File System for AIX: Data Management API Guide", IBM Corp., (2000), 56 pages	
	BE	Tivoli® Space Manager for UNIX Using the Hierarchical Storage Management Clients", Version 3, Release 7, IBM Corp. (2000), 230 pages	
	BF	"Microsoft Distributed File System" [Microsoft Windows NT Server 4.0; Distributed Fi.], last updated September 15, 2000, 9 pages www.microsoft.com	
	BG	GOOCH, "Overview of the Virtual File System", (1999) 8 pages, www.atnf.csiro.au/rgooch/linux/vfs.txt	

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	BH	NOVELL: Netware 5.1: Detail View, 2000 5 pages, www.novell.com	
	BI	"Sun Network File System (NFS)", (2001), 5 pages, www.cs.tamu.edu.com	
	BJ	R.L. Haskin "Tiger Shark - A Scalable File System for Multimedia", IBM Journal of Research & Development, Vol. 42, No. 2, - Multimedia Systems, IBM Corp., (1996) 16 pages	
	BK	"High Availability Cluster Multiprocessing for AIX Version 4.3", IBM Corp., (2000), 5 pages, www.research.ibm.com	
	BL		
	BM		
	BN		

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